

VITAL STATISTICS SUMMARY

GROVE CITY

May 2005

(Prepared by the Franklin County Board of Health)

I. BIRTH DATA FOR THE PERIOD 1990 TO 2002

The following tables describe recent data for birth for Grove City and Franklin County. The birth statistics are given by total number of births, low birth weight newborns (≤ 2500 grams), and very low birth weight newborns (≤ 1500 grams – very low birth weight serves as an indicator of at-risk births). Rates are set at per 1,000 for live births, and per 100 for low and very low birth weights.**

1990 to 2002 GROVE CITY BIRTHS						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births ≤ 2500 Grams	LBW Rate per 100 Live Births	Sum of Births ≤ 1500 grams	VLBW Rate per 100 Live Births
1990	303	15.4	18	5.94	5	1.65
1991	260	12.7	20	7.69	3	1.15
1992	137	6.5	10	7.30	1	0.73
1993	149	6.8	10	6.71	0	0.00
1994	234	10.3	22	9.40	4	1.71
1995	441	18.9	32	7.26	5	1.13
1996	354	14.7	21	5.93	5	1.41
1997	489	19.7	32	6.54	6	1.23
1998	514	20.1	39	7.59	8	1.56
1999	521	19.8	39	7.48	9	1.73
2000	596	22.0	33	5.54	1	0.17
2001	454	16.2	34	7.49	3	0.66
2002	422	14.6	15	3.55	2	0.47
Total	4,874		325		52	

1990 to 2002 FRANKLIN COUNTY BIRTHS (FCBH ZONES)						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births ≤ 2500 Grams	LBW Rate per 100 Live Births	Sum of Births ≤ 1500 grams	VLBW Rate per 100 Live Births
1990	16,752	17.36	1,468	8.76	246	1.47
1991	16,622	17.02	1,518	9.13	221	1.33
1992	16,889	16.92	1,519	8.99	233	1.38
1993	16,710	16.66	1,572	9.41	272	1.63
1994	16,635	16.51	1,526	9.17	241	1.45
1995	16,204	16.08	1,542	9.52	247	1.52
1996	16,027	15.83	1,581	9.86	265	1.65
1997	16,242	15.96	1,515	9.33	215	1.32
1998	16,626	16.28	1,563	9.40	249	1.50
1999	16,727	16.11	1,612	9.64	262	1.57
2000	17,761	16.61	1,786	10.06	291	1.64
2001	17,252	16.10	1,420	8.23	281	1.63
2002	17,013	15.59	1,530	8.99	323	1.90
Total	217,460		20,152		3,346	

** Note that the setting of new births for year 2001 used geographical information system (GIS) technology for residential assignment. Accordingly, the rate comparison is slightly different from prior estimates of population (estimated at 0.56% change from self-reported residential assignment).

II. 5 LEADING CAUSES OF DEATH FOR THE PERIOD 1997 TO 2002

The mortality statistics are given by the 5 leading causes of death per year for Franklin County. Causes of death are comparatively tracked to enable Health Department researchers to understand the fluctuation in the leading mortality factors between individual jurisdictions and the whole of Franklin County. Rates are set at per 100,000 population and are calculated as simple rates due to the small sample sizes (≤ 10) per cell for some of the causes.* Age-adjusted mortality statistics for the whole of Franklin County are available from the Health Department upon request.

MORTALITY STATISTICS FOR THE PERIOD 1997 TO 2002, GROVE CITY & FRANKLIN COUNTY 5 LEADING CAUSES AND TOTAL BY CRUDE RATES (Crude Rates Used for Comparisons for Grove City due to Very Small Sample Sizes for Some Causes)				
	Grove City		Franklin County	
Year & Cause	Sum	Rate	Sum	Rate
1997				
Heart Disease	79	317.9	2,244	233.4
Malignant Neoplasm	63	253.5	1,874	194.9
Cerebrovascular Diseases	19	76.5	602	62.6
Chronic Obstructionary Pulmonary Disease (COPD)	10	40.2	389	40.5
Diabetes Mellitus	5	20.1	331	34.4
Total Deaths	253	1018.1	7,769	808.1
1998				
Heart Disease	64	250.1	2,261	235.2
Malignant Neoplasm	66	257.9	1,948	202.6
Cerebrovascular Diseases	22	86.0	575	59.8
Chronic Obstructionary Pulmonary Disease (COPD)	13	50.8	448	46.6
Flu and Pneumonia	17	66.4	278	28.9
Total Deaths	240	937.8	7,972	829.2
1999				
Heart Disease	73	277.2	2,406	234.1
Malignant Neoplasm	56	212.7	1,896	184.5
Cerebrovascular Disease	20	76.0	579	56.3
Chronic Lower Respiratory Disease	17	64.6	437	42.5
Diabetes Mellitus	11	41.8	280	27.2
Total Deaths	247	938.0	8,233	801.0
2000				
Disease of the Heart	64	236.4	2,113	197.7
Malignant Neoplasm	57	210.5	1,905	178.2
Cerebrovascular Disease	19	70.2	580	54.3
Chronic Lower Respiratory Disease	12	44.3	470	44.0
Diabetes Mellitus	4	14.8	273	25.5
Total Deaths	228	842.1	8,097	757.5
2001				
Disease of the Heart	67	239.5	2,105	192.3
Malignant Neoplasm	62	221.6	1,876	171.4
Cerebrovascular Disease	19	67.9	530	48.4
Chronic Lower Respiratory Disease	15	53.6	471	43.0
Diabetes Mellitus	6	21.4	330	30.1
Total Deaths	231	825.7	8,118	741.7
2002				
Disease of the Heart	60	207.8	2,073	189.4
Malignant Neoplasm	56	193.9	1,989	181.7
Cerebrovascular Disease	16	55.4	506	46.2
Chronic Lower Respiratory Disease	13	45.0	470	42.9
Diabetes Mellitus	7	24.2	177	16.2
Total Deaths	224	775.7	8,349	762.8

* The number of cases from for the years 1997 and 1998 have been adjusted to account for new Federal Coding Schemes. Prior to the 1999 data, the Coding Scheme for mortality used ICD-9 Classifications for causes of Death. Starting in 1999, the Coding Scheme used for mortality is the ICD-10 Classifications. The data presented represents a conversion of the 1997 and 1998 classifications. A comparability ratio is used to adjust the tables.